# Geographic Information System

## Digitalization

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# Digitalization Lab



1) Set **PCS** for targeting area
2) **Create a Feature Class** (Shapefile)
3) **Georeferencing**
4) **Fit to Display**
5) **Add Control Points**
6) Show **Control Point Table** and **Save** it
7) **Edit :: Create** ➔ start to digitalizing all Kremlin buildings
8) **Create a Feature Class** (Shapefile) for Erasing the overlapped areas
9) **Erase** the overlapped areas
10) **Create a Feature Class**(Shapefile) for adding the overlapped areas
11) **Union** the added areas
12) **Calculate Geometry** :: Perimeter and Area
13) **Symobology** with Area values
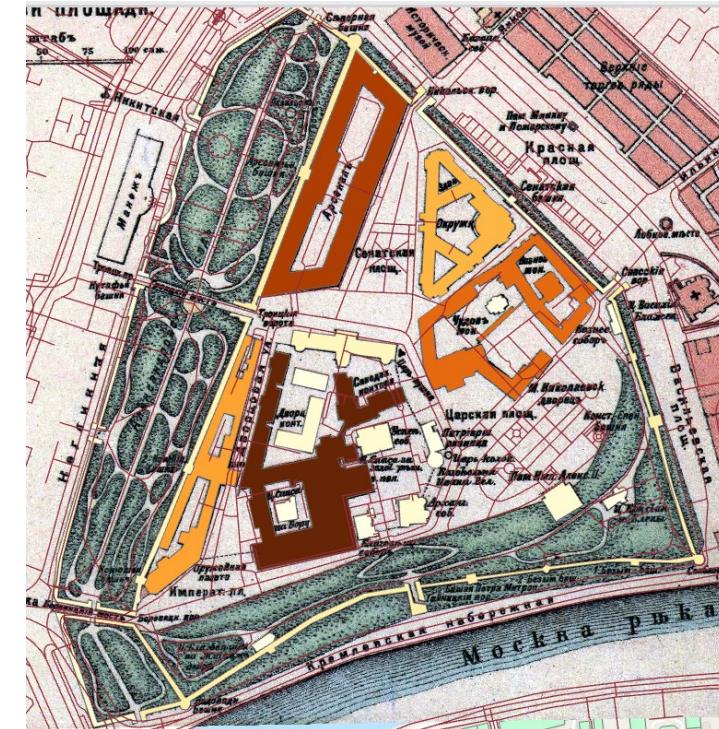
# Georeferencing
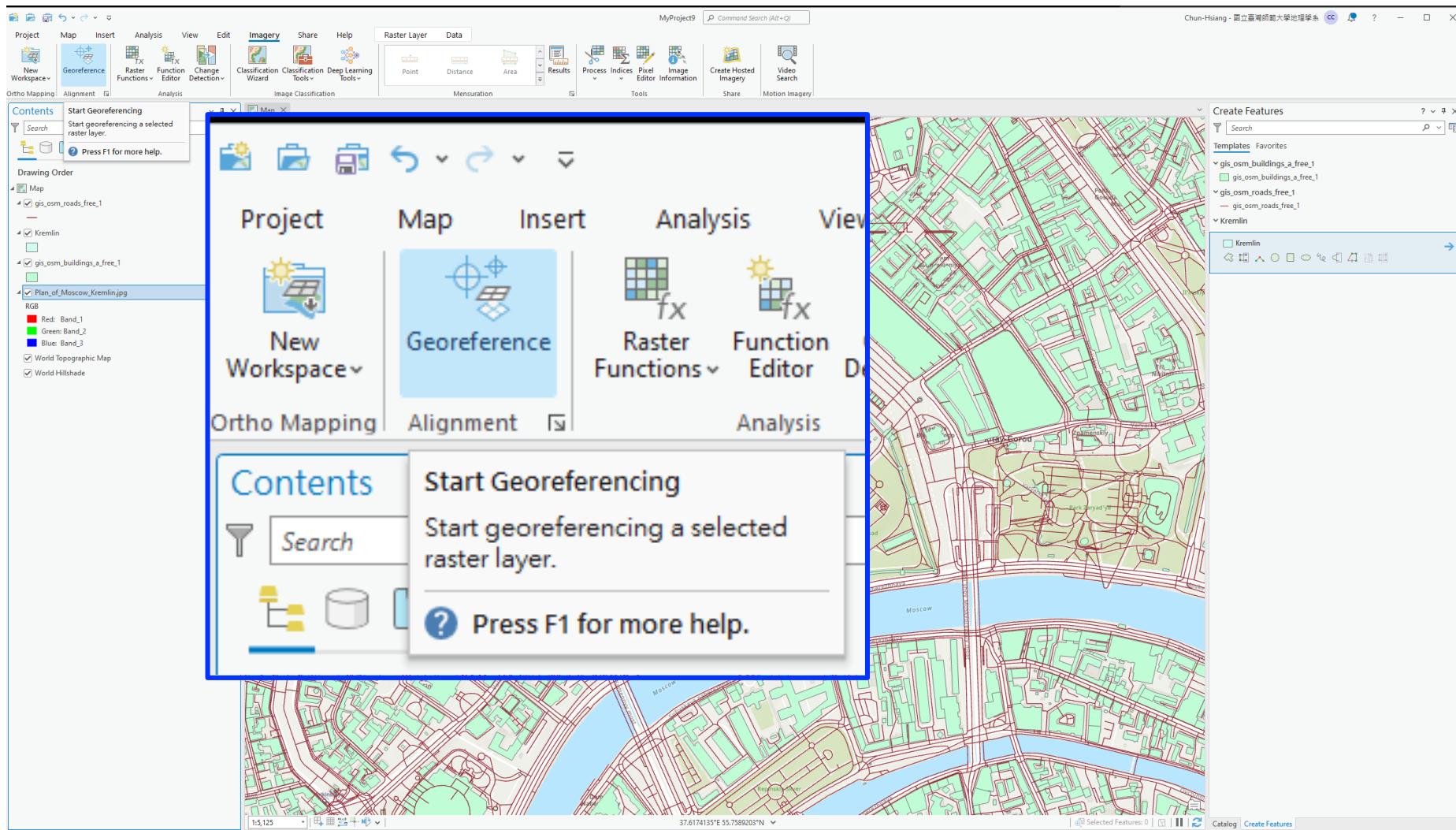
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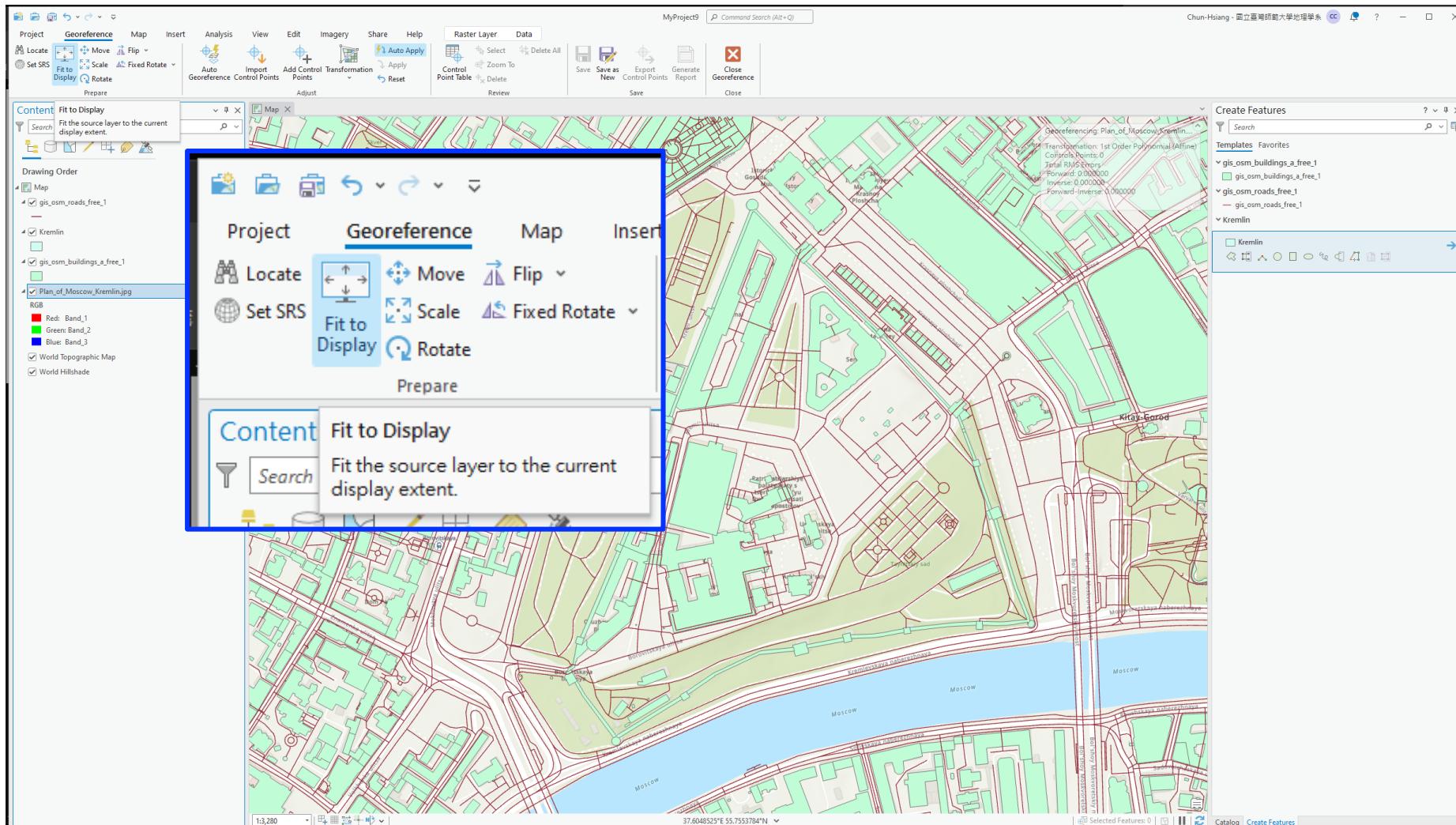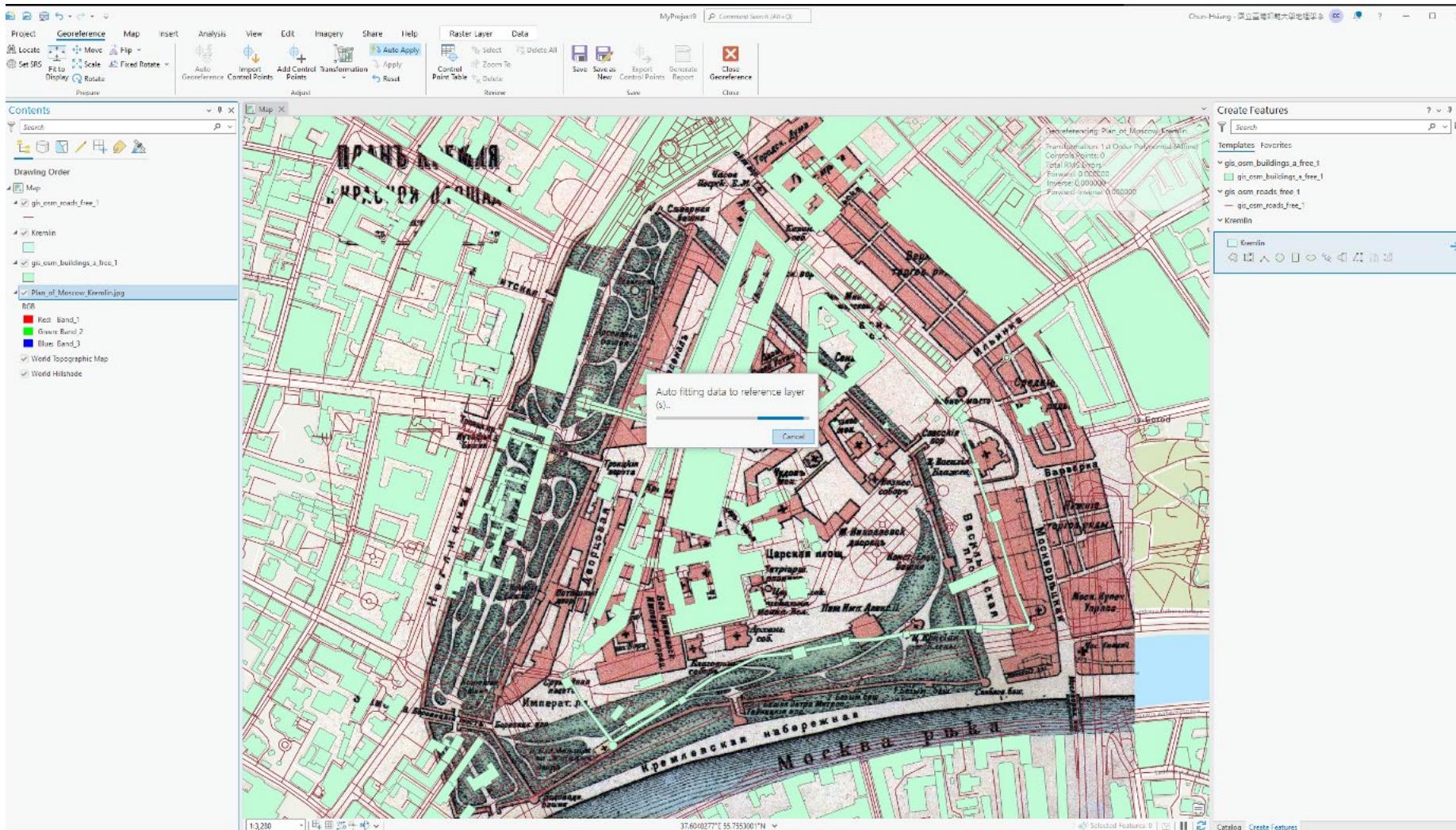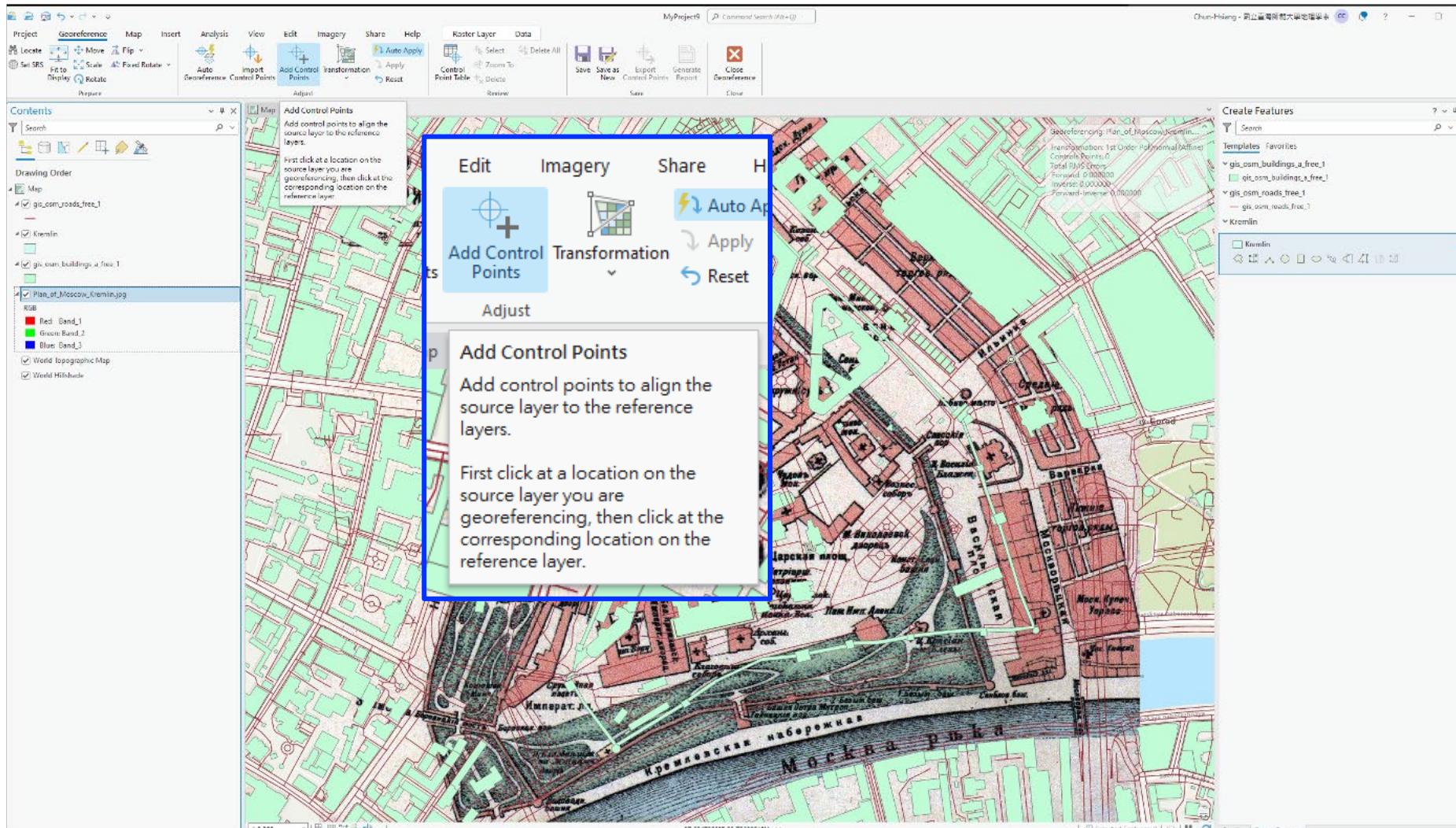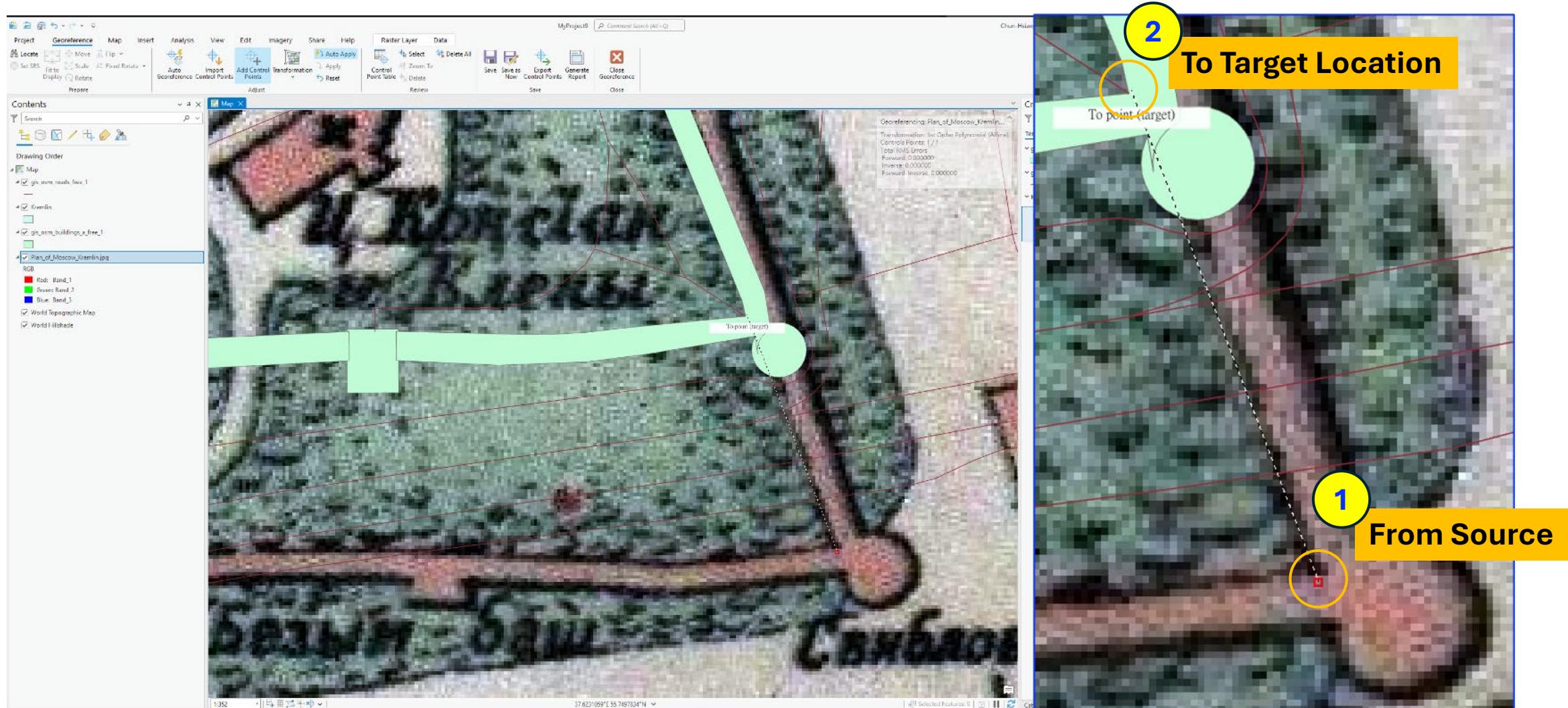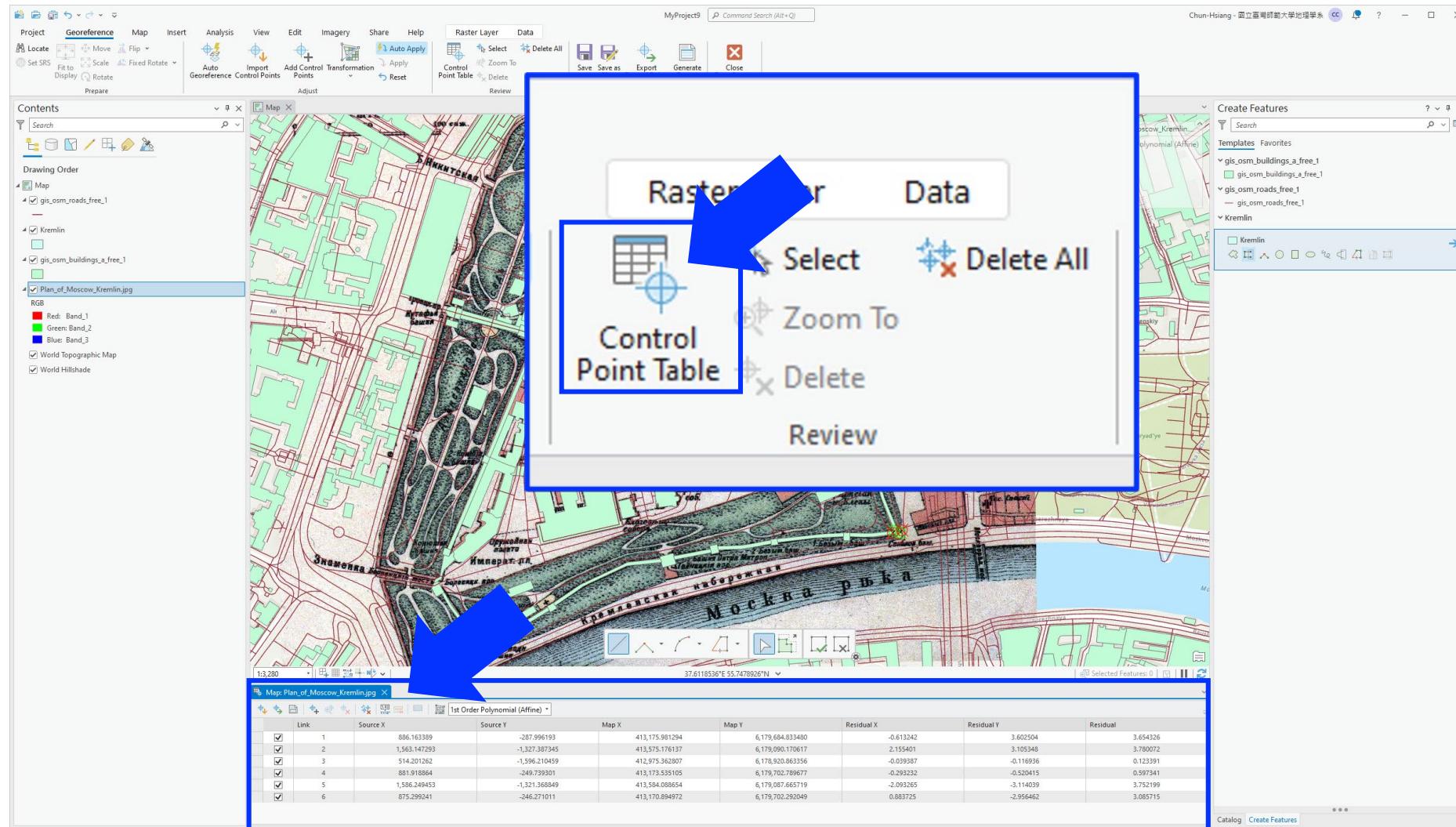
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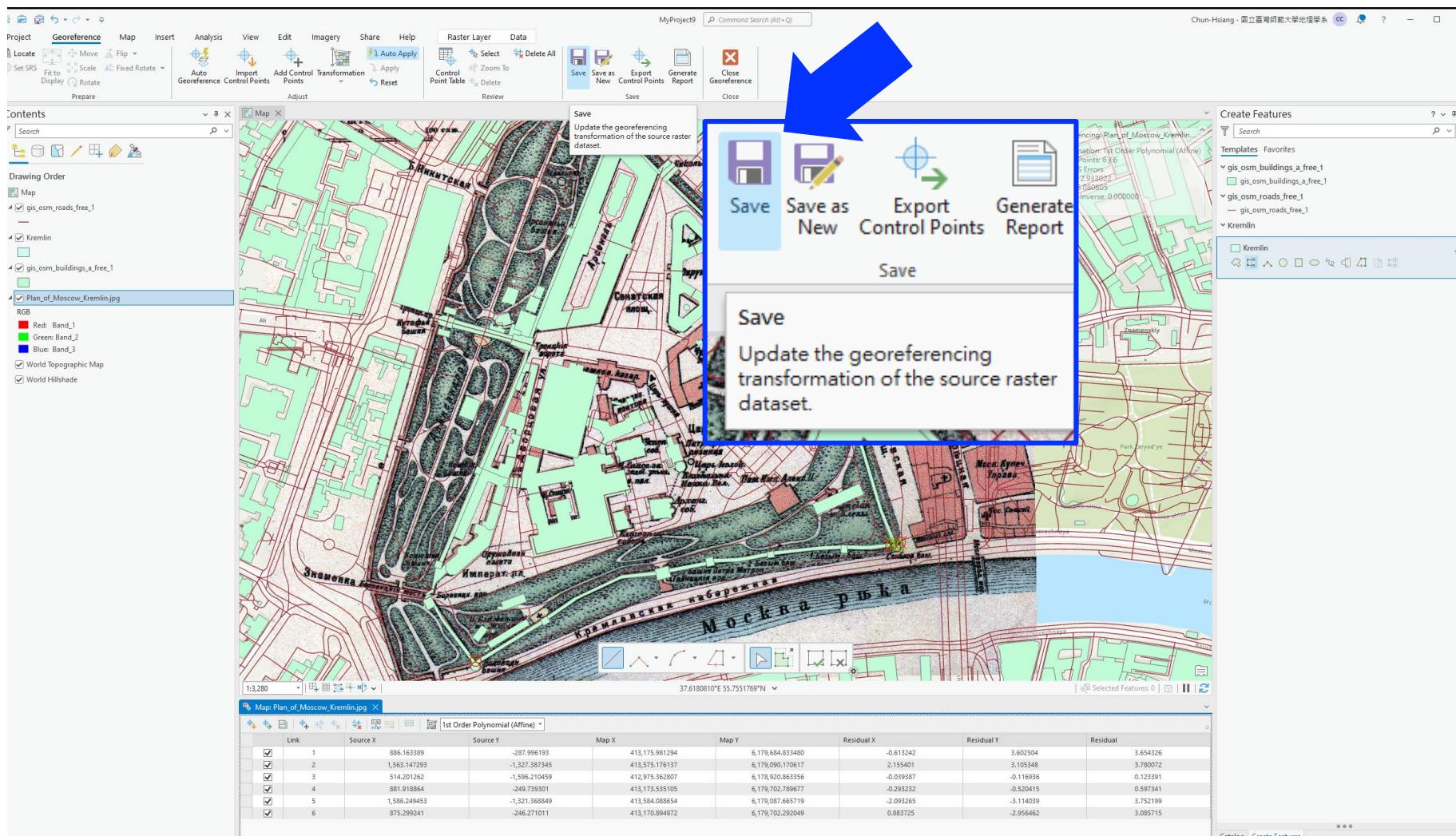
# Editing :: Digitalization
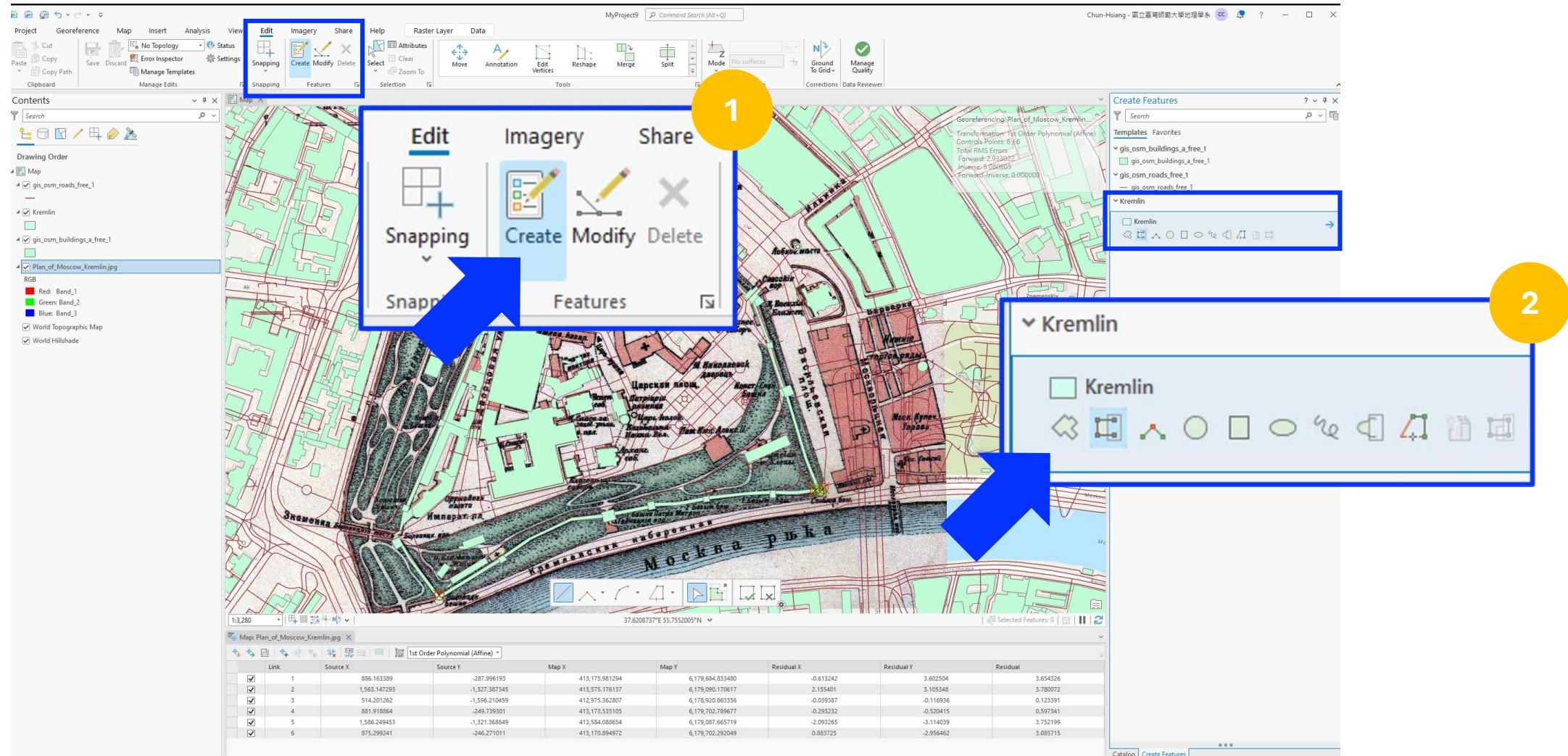
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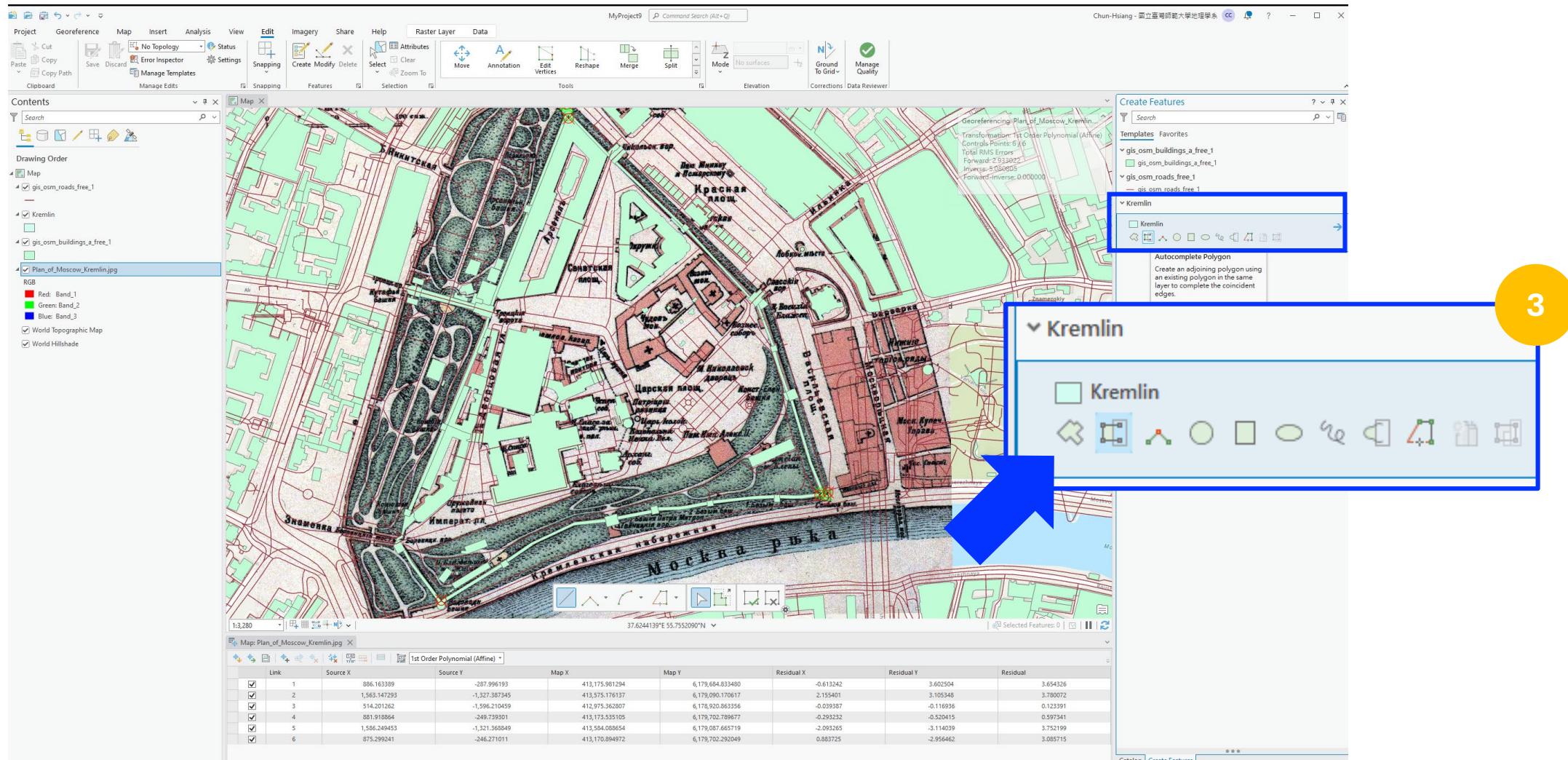
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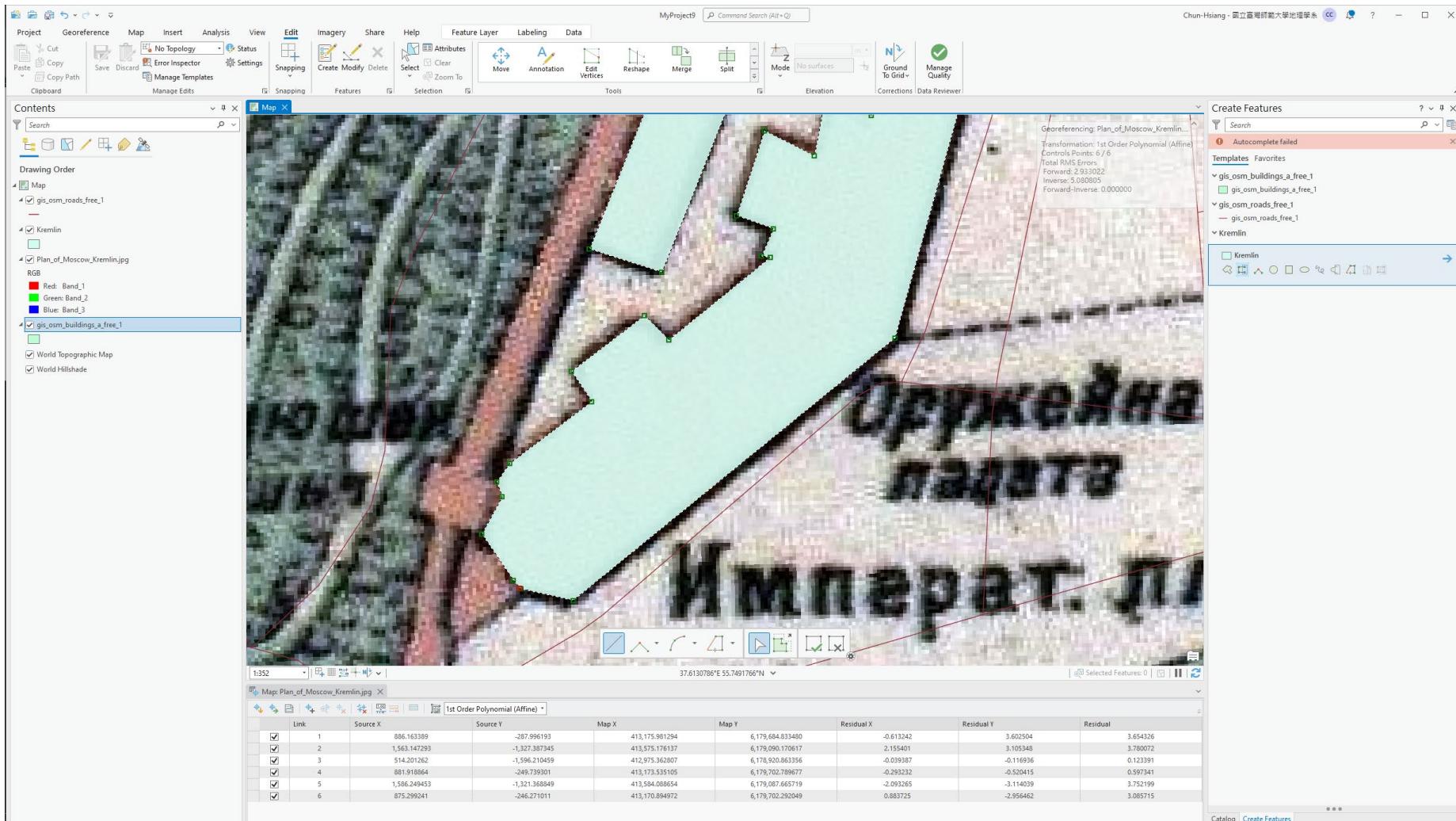
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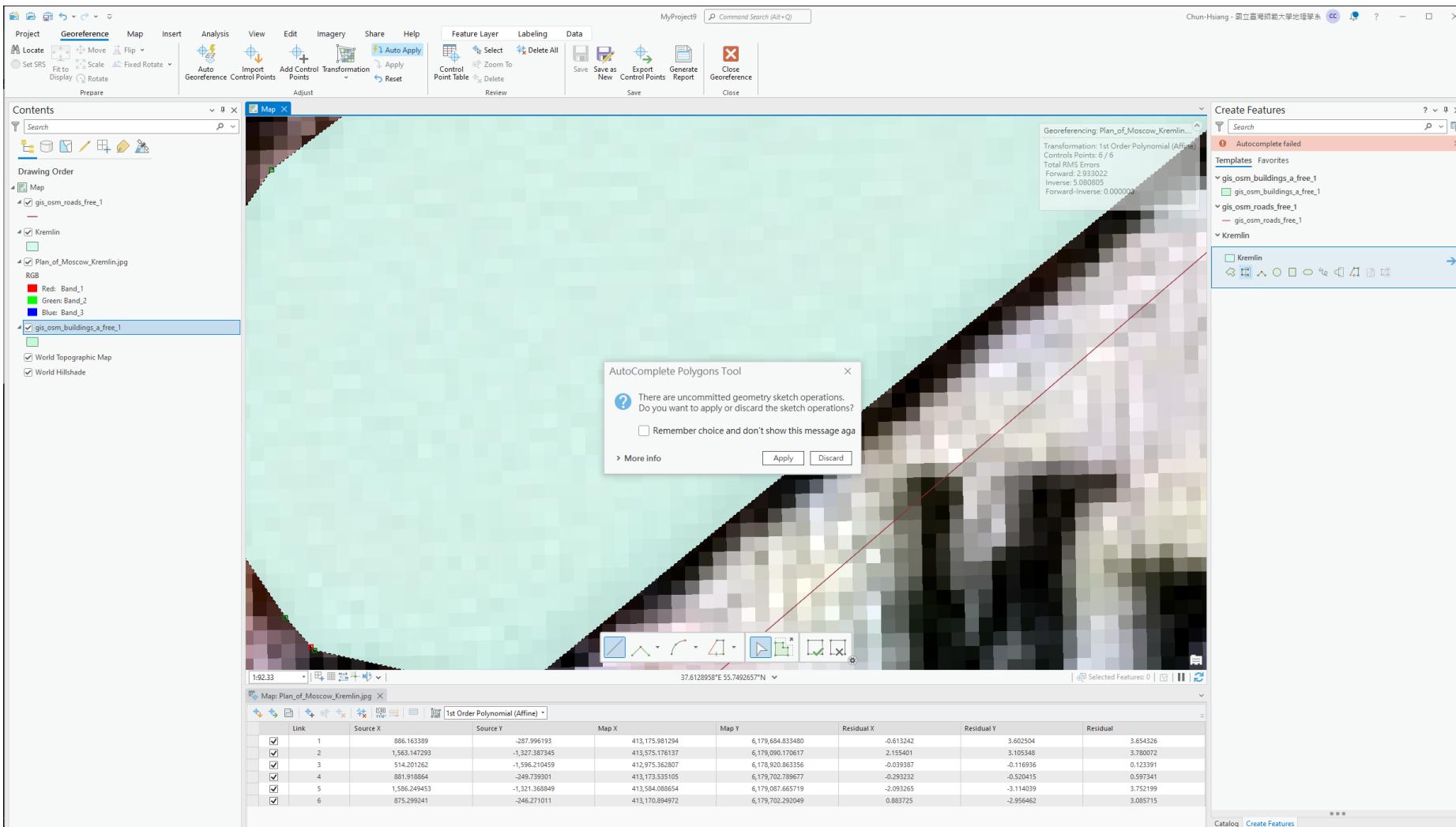
# Editing :: Digitalization
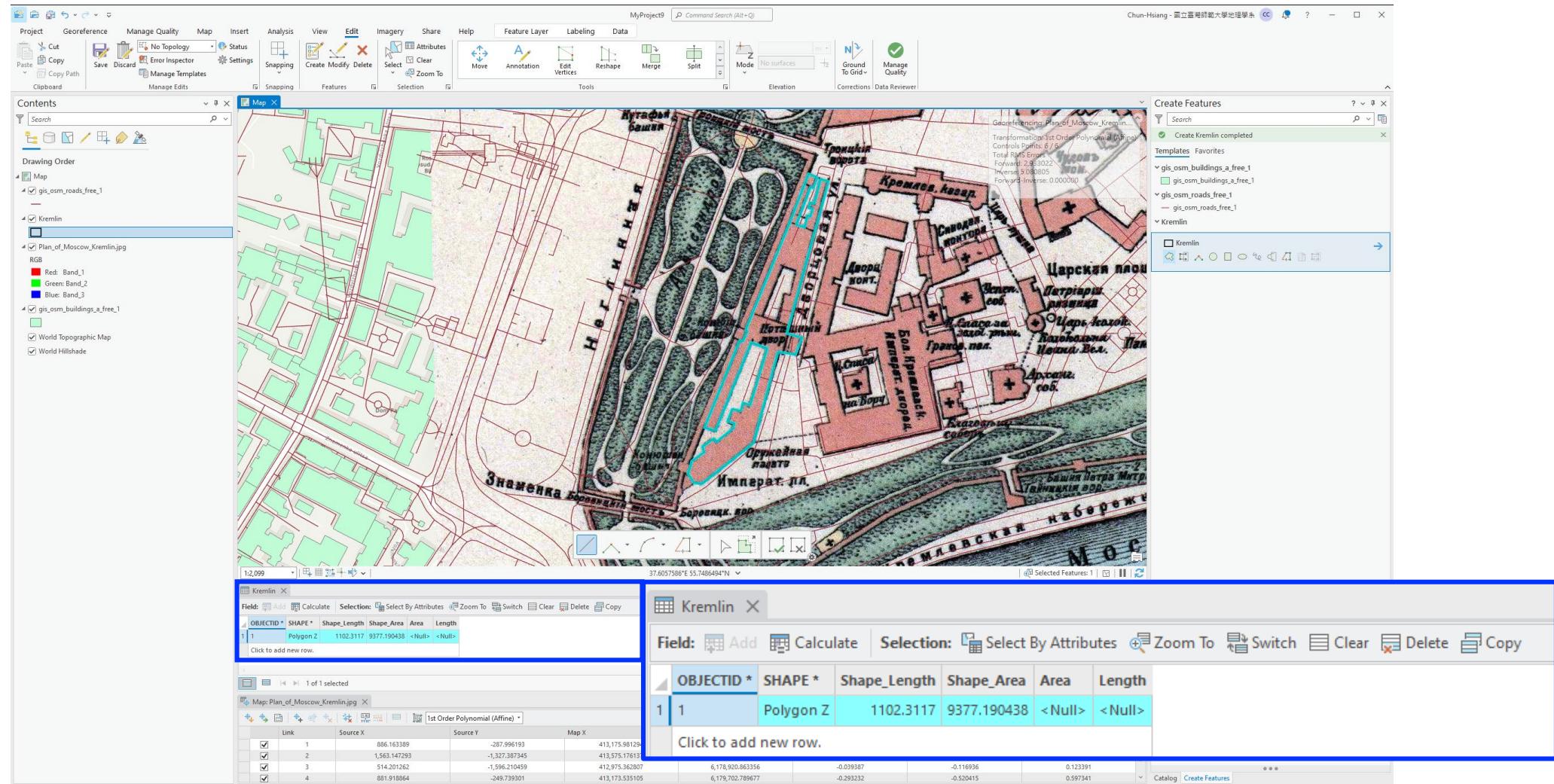
# Create a Feature Class for Adding Polygon

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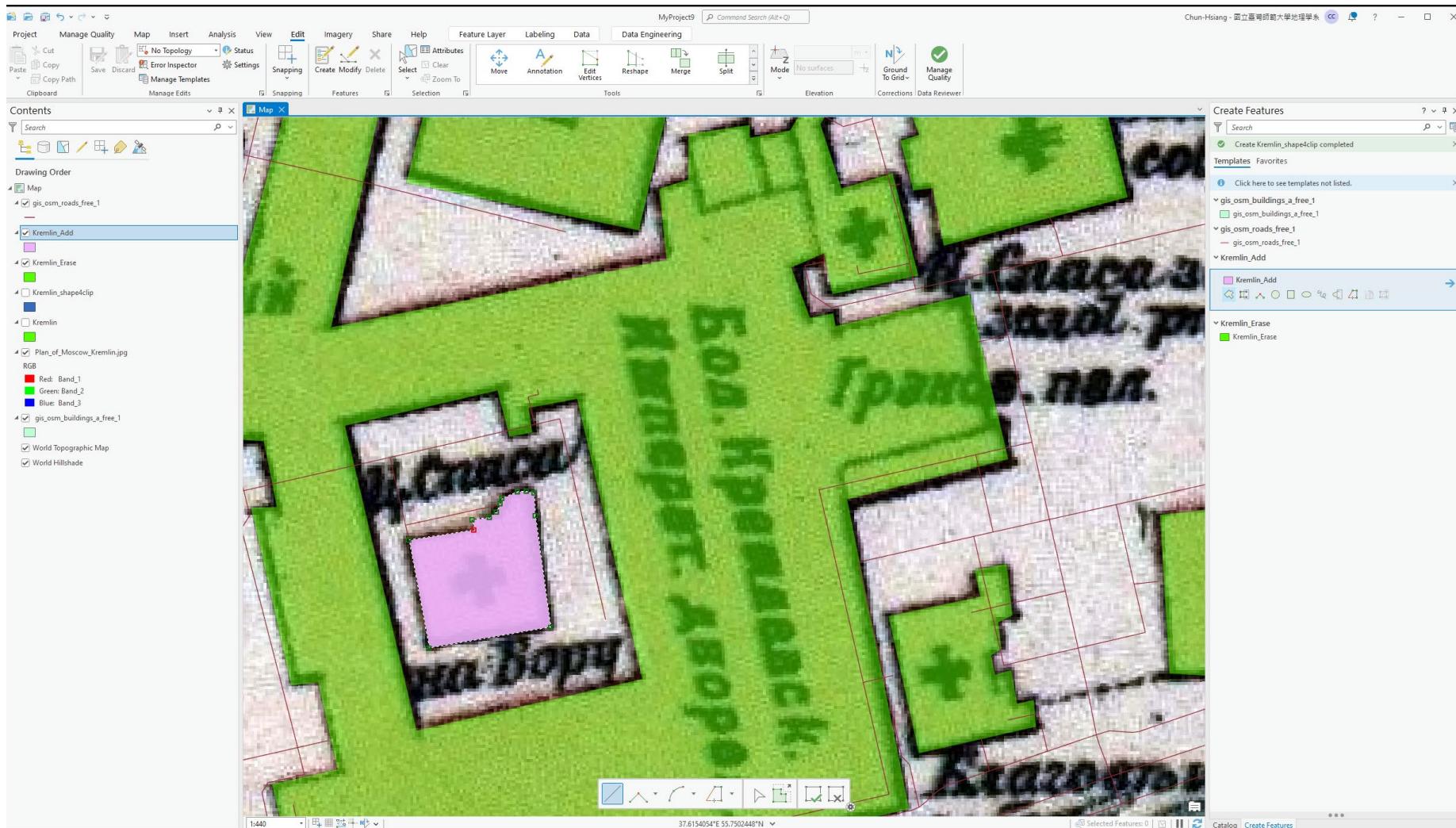
# Union Two Shapefiles Together
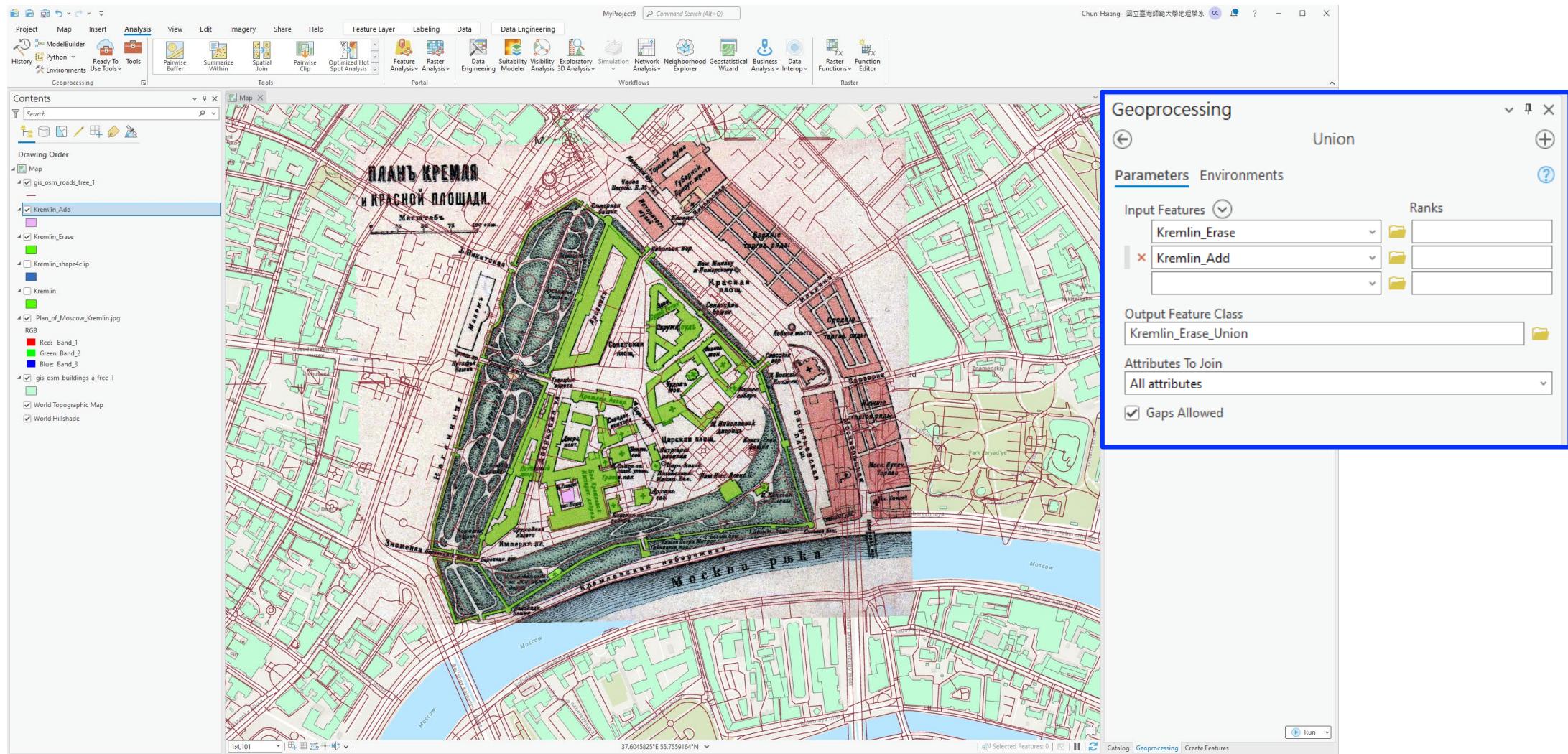
# Calculate Geometry
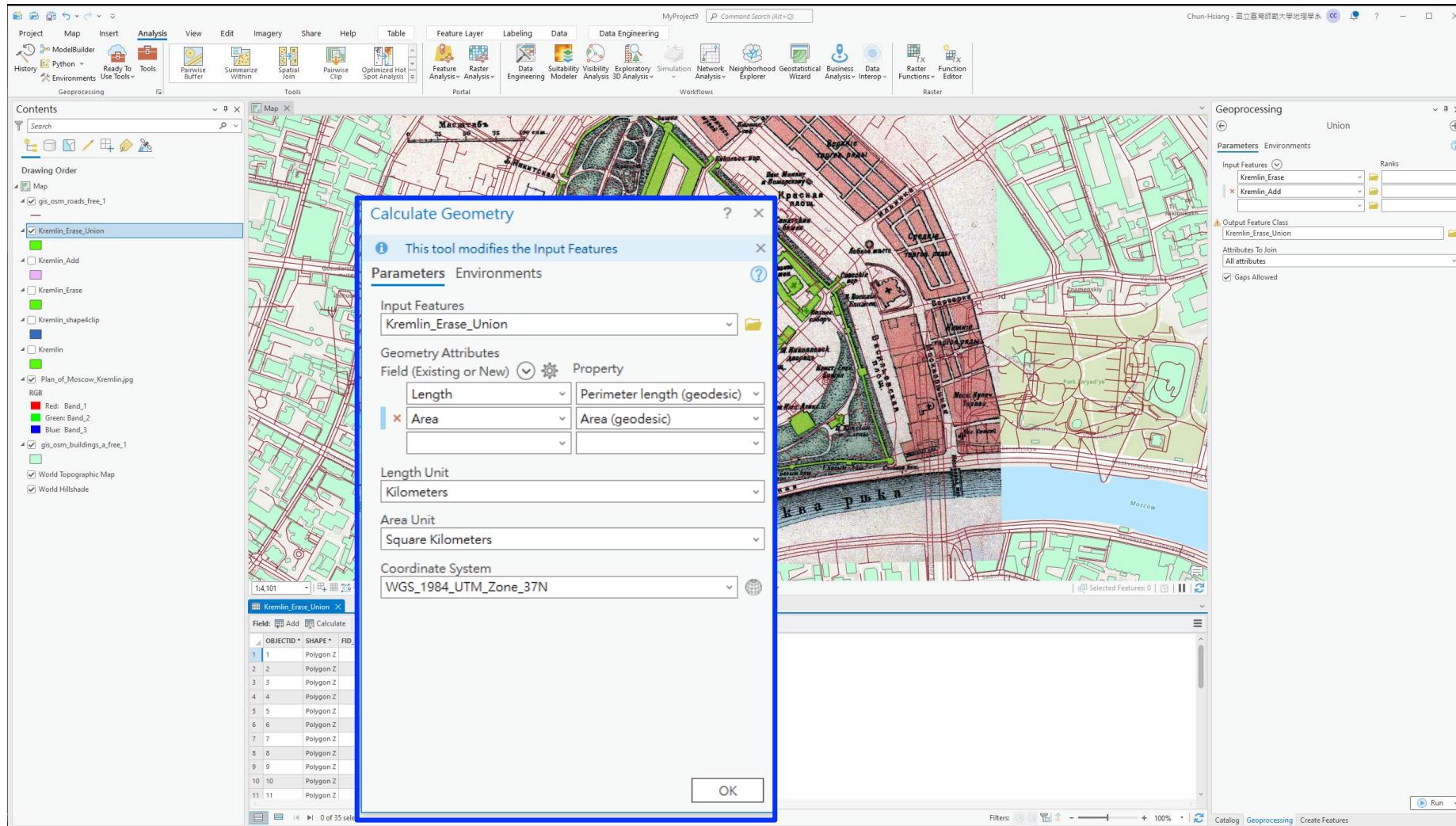
# Symbology with Building Areas
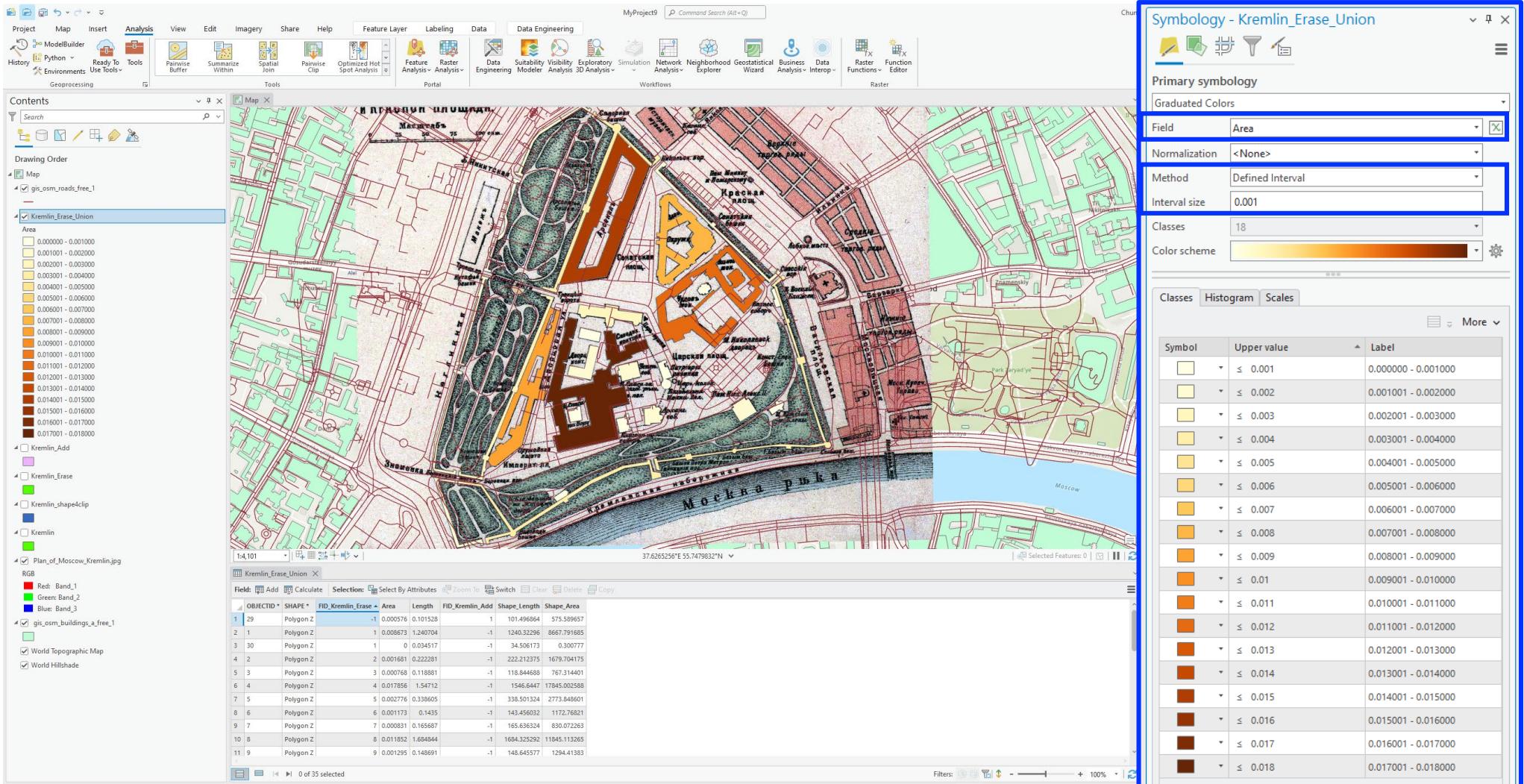
# The End

Thank you for your attention! | Email: chchan@ntnu.edu.tw
Web: toodou.github.io